

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Takashi MORIYOSHI et al.

Serial Number: 10/089,194

Group Art Unit: 1624

Filed: March 27, 2002

Examiner: Mark L. Berch

For: 3-CEPHEM DERIVATIVE CRYSTAL AND METHOD FOR PREPARING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)  
WITH A STATEMENT AS SPECIFIED IN 37 C.F.R. §1.97(e)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 13, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. These documents have been cited in an office action in a corresponding European application. One copy of each of the listed documents and a copy of the office action is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following filing of the above-captioned application, but prior to issuance of a final official action or a Notice of Allowance or an action that otherwise closes prosecution in the application.

The undersigned hereby states that each item of information



contained in this statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The undersigned also hereby states that the information contained in this information disclosure statement was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement.

No explanation of the relevance of documents FA and DA is believed to be required under 37 C.F.R. §1.98 because the documents are in English.

No fee is required in connection with this statement.

Respectfully submitted,

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Attachments: PTO-1449  
European Office Action  
2 Documents

INFORMATION DISCLOSURE STATEMENT  PTO-1449	Atty. Docket No. TAM-043	Serial No. 10/089,194
	Applicant: Takashi MORIYOSHI et al.	
	Filing Date: March 27, 2002	Group: 1624

#### U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA						
	UB						
	UC						
	UD						
	UE						
	UF						

#### FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	1,356,437	06/12/74	GB	
	FB				
	FC				
	FD				
	FE				
	FF				
	FG				

#### OTHER DOCUMENTS

Examiner's Initial		
	DA	Tanaka, Hideo et al.; "Aerobic Oxidation of 3-Iodomethyl- $\Delta^3$ -cephem-4-carboxylate to 3-Formyl- $\Delta^3$ -cephem-4-carboxylate through 3-Hydroperoxymethyl- $\Delta^3$ -cephem-4-carboxylate"; <i>Bull. Chem. Soc. Jpn.</i> ; vol. 69, no. 1, pp. 229-233; 1996.
	DB	
	DC	

Examiner:	Date Considered:
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KTK/sb